

METHOD AND APPARATUS FOR MANAGING REPLICATED AND MIGRATION CAPABLE SESSION STATE FOR A JAVA PLATFORM

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ABSTRACT OF THE DISCLOSURE

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An invention is disclosed managing the replicated and migration capable state for an enterprise Java bean (EJB) application. The invention includes executing a Java application on a server that includes an entity bean. In addition, a replicated state manager is executed that includes program instructions for managing an in-memory state of the Java application, and program instructions for replicating the in-memory state of the Java application to a replicated state server. The replicated state server can be a memory replicated state server, or a disk replicated state server. To facilitate application state management, embodiments of the present invention store states of the entity beans objects using state objects, which are updated in response to changes in the state of the application. Hence, the embodiments of the present invention define a logical separation between the application and the state objects.